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Morbidity and Mortality

Weekly
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER MELrose 4-5131

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ATLANTA 22, GEORGIA

Vol. 11, No. 33

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 18, 1962

POLIOMYELITIS - Twenty-three cases of poliomyelitis (21 paralytic) were reported for the week ending August 18, 1962. This remains at the unusually low level of 27 cases (21 paralytic) noted the previous week.

Twelve States reported cases this week, with Texas reporting eight, the largest number for any single State. In Texas, the reports were from six different counties, although two were from the city of Amarillo in the Panhandle.

Not included in this week's telegraphic report are outbreaks of 4 cases each in Flemmingsburg, Kentucky, and Patton, Pennsylvania. Type I polioviruses have been recovered in both outbreaks. Type specific oral polio-vaccine was administered in these communities last week as a deterrent to further occurrence of the disease.

The cumulative totals for the nation through the 33rd week in 1962 and the previous four years is presented in the following table:

POLIO (CUMULATED WEEKLY) THROUGH THE 33RD WEEK (1958-1962)

	1962	1961	1960	1959	1958
Paralytic	296	322	874	2,201	835
Total	381	482	1,224	3,401	1,691

HEPATITIS - A total of 759 cases of viral hepatitis was reported for the week ending August 18.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous week)

Disease	33rd Week			Cumulative		
	Ended	Ended	Median 1957 - 1961	First 33 weeks		Median 1957 - 1961
	August 18, 1962	August 19, 1961		1962	1961	
Aseptic meningitis.....	90	130	---	1,151	1,419	---
Brucellosis.....	10	10	14	267	388	514
Diphtheria.....	5	13	10	245	352	397
Encephalitis, infectious.....	38	37	58	1,015	999	1,059
Hepatitis, infectious and serum...	759	1,041	392	36,841	50,648	14,326
Measles.....	1,406	1,466	1,466	439,270	383,740	391,982
Meningococcal infections.....	29	39	38	1,447	1,453	1,567
Poliomyelitis, total.....	23	69	229	381	482	1,638
Paralytic.....	21	48	114	296	322	782
Nonparalytic.....	2	13	81	59	105	593
Unspecified.....	-	8	34	26	55	263
Streptococcal sore throat and Scarlet fever.....	3,000	2,812	---	220,226	228,148	---
Tetanus.....	4	---	---	153	---	---
Tularemia.....	11	---	---	195	---	---
Typhoid fever.....	21	30	30	350	451	480
Typhus fever, tick-borne, (Rocky Mountain spotted).....	6	---	---	158	---	---
Rabies in Animals.....	51	51	63	2,648	2,273	2,527

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:
Botulism:
Malaria: Ill. - 1, N.C. - 1, Fla. - 1
Plague:

Psittacosis: Calif. - 1
Rabies in Man: Texas - 1
Smallpox:
Typhus, murine:

EPIDEMIOLOGICAL REPORTS

Smallpox — Canada

On August 18, a suspect case of smallpox in a 14-year-old boy was reported from Toronto, Canada. It was confirmed by virological study on August 20. The boy had entered the United States at Idlewild Airport in New York on August 11 and had proceeded through New York State by train arriving in Toronto on August 12 on which date the eruptive phase of the disease was first noted.

The boy, a son of missionary parents, had been born in Canada but had lived in South America since he was two weeks of age except for a brief period seven years before. The family had resided in the Southern portion of Brazil in the town of Laranjieros do Sul, Parana State, for the past several years. Between July 22 and July 29, the boy had visited family friends at a ranch approximately 30 miles south of this town. While there he had been in contact with four children in this family, three of whom were said to have recovered recently from "varicella" and another was said to be developing it. The patient did not recall that any child had visible lesions; he did recall having seen a rash similar to his own in Laranjieros two or three years previously. The cases were said to be cases of "varicella."

The family traveled to Sao Paulo where they enplaned early in the morning of August 11 for New York on Argentine Airlines flight 322. On the preceding day, the patient experienced the onset of an illness characterized by nausea with some vomiting, fever, aching in the shoulders, frontal headache and chilly sensations. Seen by a physician, he was diagnosed as having "flu" or "grippe". Although listless while on the plane, he appeared to be essentially well by the following noon, August 11, when the plane arrived at Idlewild. The family traveled directly to Grand Central Station by taxicab and remained there until boarding the Toronto bound coaches of the New York Central train ("North Star") in the evening. At the station, the boy stayed on a bench in the main waiting room; he experienced some nausea and was generally listless. He had no respiratory symptoms. While at the station, he first felt a small hard lump in the mid-posterior palate. Just prior to crossing the border at Fort Erie, he noted a cutaneous lesion over the left clavicle. This he recognized as similar to those he had seen among children at Laranjieros who had been diagnosed as having varicella. Nearing Toronto, in the early morning hours, small bumpy red spots were noted on his face.

From the Toronto station, the family called a physician friend who concurred with the family diagnosis of varicella and took the family directly to his home. Within a day's period the rash had spread over the patient's body, involving predominantly the forearms, legs, face, buttocks and mucosal surfaces of the mouth. During the

succeeding several days, he was listless, without fever, and because of the lesions in the mouth able to take only liquids and soft foods. Failure to improve plus a temperature rise on August 16 prompted the physician to consider smallpox. Consultation was requested and he was hospitalized in isolation on August 17 with the presumptive diagnosis of smallpox. Virological studies carried out by Dr. Donald M. McLean, Hospital for Sick Children, Toronto, confirmed the diagnosis.

The boy was thought possibly to have been immunized seven years previously in Brazil. On entrance to the United States, he presented an official certificate of immunization from the local health authority in Brazil dated July 22, 1962. No definite vaccination scar was seen on examination. Each of the family was given a surveillance notice when they passed through quarantine inspection at Idlewild. This directed them to report to a physician or health authority should they develop suspicious symptoms of illness and warning them of having possibly been exposed to smallpox in endemic areas in Brazil. Unfortunately, this card was never shown to their physician.

Passengers of the Argentine Airlines plane have been contacted, revaccinated, and placed under close surveillance. All persons who traveled the train in question or had possible contact in Grand Central Station have been requested to report for vaccination and are also being placed under surveillance. The family has been rigidly quarantined as have the families where the patient briefly visited.

Physicians have been requested to closely evaluate apparent chickenpox cases, particularly among possible contacts. It is advised that hospital personnel, customarily at greatest risk when a case is introduced, be vaccinated promptly.

(Reported by Dr. Matthew B. Dymond, Minister of Health, Province of Ontario; Quarantine, Immigration Medical and Sick Mariners' Services, Department of National Health and Welfare, Dominion of Canada; the Division of Foreign Quarantine and the Communicable Disease Center, U. S. Public Health Service.)

Rabies in Man — Texas

The first case of human rabies during 1962 has been reported from Cameron County, Texas. The patient, a three-year-old white child, had onset of illness on July 16, 1962, and died on July 25. The child was one of a number of children who had played with a puppy which became ill and died several weeks before onset of the child's illness.

Negri bodies were found on laboratory examination of autopsy material and positive results were obtained with fluorescent antibodies and on mouse inoculation.

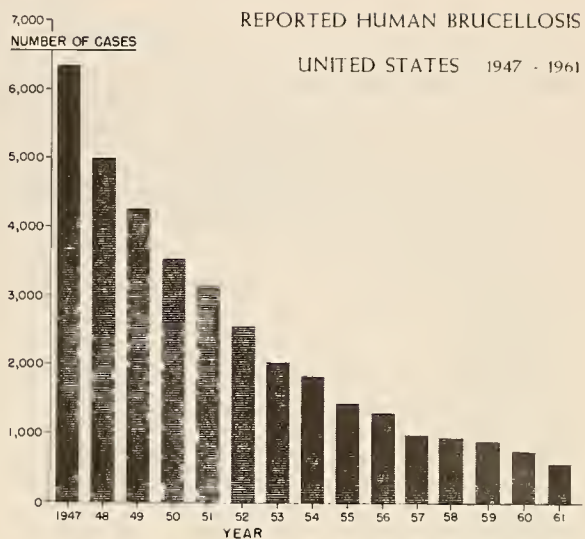
(Reported by Dr. Van C. Tipton, Epidemiologist, State Department of Health, Austin, Texas.)

Human Brucellosis in the United States — 1961

The 580 cases of human brucellosis reported to the Communicable Disease Center during 1961 continues the progressive decline in cases which has occurred since 1948, as shown in the accompanying graph. Individual case histories were received on 413 of the cases.

The geographic distribution of human brucellosis has shown the highest concentration since 1958 in the upper midwestern area (See map). In 1961, Iowa reported the greatest number of cases, 219, followed by Illinois with 61 cases and Kansas with 54. In the North and in the West, most cases occurred among packing house workers and butchers, while most of the cases in the South were related to persons handling infected animals and to the ingestion of milk products from diseased animals.

The National Brucellosis Eradication Program has made marked progress in recent years in control of bovine

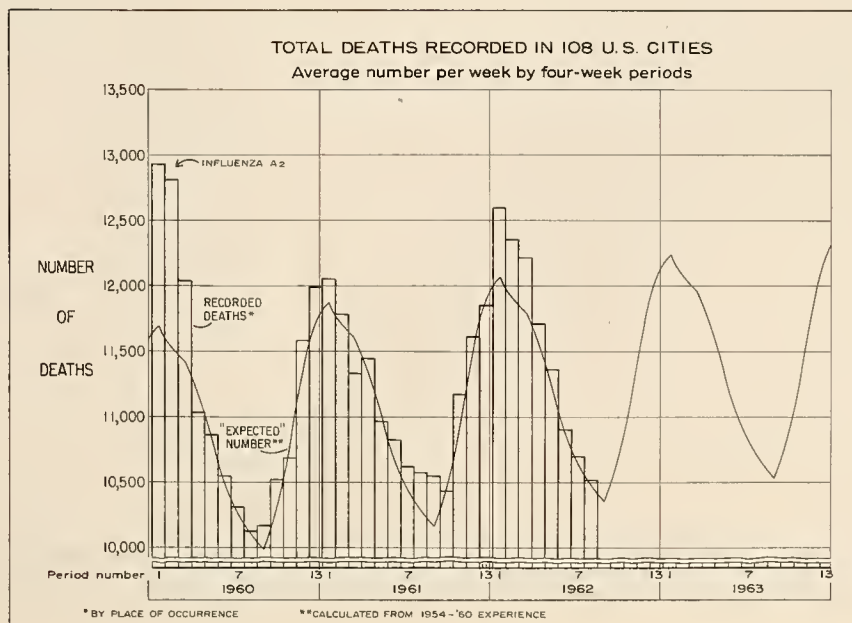


(Continued on page 256)

TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending August 18 was 10,514 as compared with an expected 10,500 weekly average.

	WEEK ENDING				4 Week Total	Weekly Average
	7/28	8/4	8/11	8/18		
Observed	10,613	10,587	10,519	10,335	42,054	10,514
Expected	10,577	10,528	10,473	10,420	41,998	10,500
Excess	36	59	46	- 85	56	14



(See Table, page 255)

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES—UNITED STATES
FOR WEEKS ENDED

AUGUST 19, 1961 AND AUGUST 18, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, Nonparalytic		Aseptic Meningitis	
	33rd week		Cumulative First 33 weeks		33rd week		Cumulative First 33 weeks		33rd week		33rd week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES.....	23	69	381	482	21	48	296	322	2	13	90	130
NEW ENGLAND.....	-	4	6	9	-	2	6	7	-	-	-	21
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	1	-	1	-	-	-	-	-	-	-	-
Vermont.....	-	2	-	3	-	2	-	3	-	-	-	-
Massachusetts.....	-	1	4	3	-	-	4	2	-	-	-	12
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	9
Connecticut.....	-	-	2	2	-	-	2	2	-	-	-	-
MIDDLE ATLANTIC.....	1	12	38	51	1	7	24	43	-	4	2	5
New York.....	1	9	37	27	1	5	23	21	-	3	2	3
New Jersey.....	-	2	1	17	-	2	1	16	-	-	-	-
Pennsylvania.....	-	1	-	7	-	-	-	6	-	1	-	2
EAST NORTH CENTRAL.....	1	5	32	44	1	2	22	24	-	3	20	28
Ohio.....	-	-	8	14	-	-	7	6	-	-	6	4
Indiana.....	-	-	5	4	-	-	4	3	-	-	-	-
Illinois.....	1	2	12	14	1	-	6	7	-	2	3	11
Michigan.....	-	3	5	7	-	2	5	6	-	1	11	13
Wisconsin.....	-	-	2	5	-	-	-	2	-	-	-	-
WEST NORTH CENTRAL.....	2	4	17	29	2	2	10	13	-	-	6	24
Minnesota.....	2	-	5	3	2	-	5	3	-	-	6	24
Iowa.....	-	4	5	9	-	2	2	4	-	-	-	-
Missouri.....	-	-	5	8	-	-	2	2	-	-	-	-
North Dakota.....	-	-	2	1	-	-	1	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	3	-	-	-	2	-	-	-	-
Kansas.....	-	-	-	5	-	-	-	2	-	-	-	-
SOUTH ATLANTIC.....	3	23	27	104	3	21	23	82	-	1	4	5
Delaware.....	-	-	-	2	-	-	-	1	-	-	-	-
Maryland.....	-	6	-	17	-	6	-	17	-	-	-	-
District of Columbia..	-	-	1	1	-	-	-	1	-	-	-	-
Virginia.....	-	2	6	5	-	2	6	5	-	-	-	5
West Virginia.....	-	-	3	11	-	-	3	7	-	-	-	-
North Carolina.....	-	1	2	8	-	1	1	6	-	-	-	-
South Carolina.....	2	2	4	10	2	1	4	8	-	-	-	-
Georgia.....	1	3	5	25	1	3	4	19	-	-	-	-
Florida.....	-	9	6	25	-	8	5	18	-	1	4	-
EAST SOUTH CENTRAL.....	1	4	18	41	1	3	14	22	-	-	6	8
Kentucky.....	-	-	8	18	-	-	6	4	-	-	-	1
Tennessee.....	-	2	4	10	-	2	2	6	-	-	3	1
Alabama.....	-	1	3	6	-	1	3	6	-	-	1	1
Mississippi.....	1	1	3	7	1	-	3	6	-	-	2	5
WEST SOUTH CENTRAL.....	12	11	193	83	10	7	153	43	2	3	18	6
Arkansas.....	1	3	5	6	1	3	5	4	-	-	1	-
Louisiana.....	1	2	11	24	1	2	9	17	-	-	-	-
Oklahoma.....	2	1	5	3	2	-	3	-	-	-	2	-
Texas.....	8	5	172	50	6	2	136	22	2	3	15	6
MOUNTAIN.....	-	2	10	37	-	2	8	22	-	-	-	1
Montana.....	-	-	3	3	-	-	2	2	-	-	-	1
Idaho.....	-	1	1	12	-	1	1	6	-	-	-	-
Wyoming.....	-	-	1	-	-	-	1	-	-	-	-	-
Colorado.....	-	1	1	5	-	1	-	5	-	-	-	-
New Mexico.....	-	-	-	3	-	-	-	-	-	-	-	-
Arizona.....	-	-	3	7	-	-	3	5	-	-	-	-
Utah.....	-	-	1	7	-	-	1	4	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	3	4	40	84	3	2	36	66	-	2	34	32
Washington.....	1	-	1	12	1	-	1	12	-	-	-	2
Oregon.....	-	1	5	11	-	1	5	4	-	-	-	-
California.....	2	3	33	59	2	1	29	48	-	2	34	30
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	1	2	-	-	1	2	-	-	-	-
Puerto Rico.....	1	-	9	5	1	-	9	5	-	-	-	-

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
AUGUST 19, 1961 AND AUGUST 18, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, Infectious and serum				Measles	
	33rd week 1962	Cumulative 33 weeks 1962	33rd week 1962	Cumulative 33 weeks 1962	33rd week 1962 1961		33rd week				33rd week 1962 1961	
							Under 20 yr.	20 & over	Total	Total		
							1962	1962	1962	1961		
UNITED STATES.....	10	267	5	245	38	37	351	365	759	1,041	1,406	1,466
NEW ENGLAND.....	-	1	-	1	2	1	28	27	56	41	97	127
Maine.....	-	-	-	-	-	-	9	9	18	4	10	7
New Hampshire.....	-	-	-	-	-	-	3	2	6	3	1	14
Vermont.....	-	-	-	-	-	-	-	1	1	4	18	31
Massachusetts.....	-	-	-	1	1	1	13	9	22	22	53	49
Rhode Island.....	-	-	-	-	1	-	-	2	2	5	2	3
Connecticut.....	-	1	-	-	-	-	3	4	7	3	13	23
MIDDLE ATLANTIC.....	-	6	-	5	6	11	81	97	178	104	247	166
New York.....	-	2	-	3	4	10	28	49	77	46	165	88
New Jersey.....	-	1	-	1	-	-	17	18	35	18	52	16
Pennsylvania.....	-	3	-	1	2	1	36	30	66	40	30	62
EAST NORTH CENTRAL.....	2	64	-	6	12	4	76	57	138	225	375	430
Ohio.....	-	1	-	-	4	-	32	21	56	86	29	70
Indiana.....	-	5	-	3	-	-	8	1	9	18	16	6
Illinois.....	-	46	-	-	1	4	13	13	28	51	42	178
Michigan.....	1	4	-	3	4	-	21	18	39	68	174	102
Wisconsin.....	1	8	-	-	3	-	2	4	6	2	114	74
WEST NORTH CENTRAL.....	5	105	-	55	-	-	13	16	29	92	64	29
Minnesota.....	-	9	-	17	-	-	4	3	7	20	17	1
Iowa.....	5	64	-	1	-	-	2	4	6	35	5	6
Missouri.....	-	3	-	5	-	-	3	3	6	18	-	1
North Dakota.....	-	1	-	7	-	-	3	3	6	1	33	21
South Dakota.....	-	4	-	11	-	-	-	2	2	1	9	-
Nebraska.....	-	11	-	13	-	-	-	-	-	4	-	-
Kansas.....	-	13	-	1	-	-	1	1	2	13	NN	NN
SOUTH ATLANTIC.....	-	20	3	50	5	5	47	42	90	127	129	126
Delaware.....	-	-	-	-	-	-	1	1	2	1	4	1
Maryland.....	-	-	-	-	1	-	7	4	11	3	8	33
District of Columbia..	-	-	-	1	1	-	-	2	2	3	-	17
Virginia.....	-	10	1	10	1	1	12	8	20	19	13	42
West Virginia.....	-	-	-	1	-	-	3	1	5	14	42	26
North Carolina.....	-	2	2	6	-	1	8	9	17	30	6	1
South Carolina.....	-	-	-	5	-	-	4	2	6	2	6	1
Georgia.....	-	2	-	8	-	-	1	5	6	17	1	1
Florida.....	-	6	-	19	2	3	11	10	21	38	49	4
EAST SOUTH CENTRAL.....	-	12	-	16	1	1	32	25	57	130	19	86
Kentucky.....	-	1	-	-	-	-	9	7	16	25	1	6
Tennessee.....	-	4	-	7	1	-	5	9	14	55	13	67
Alabama.....	-	6	-	3	-	-	14	4	18	28	1	7
Mississippi.....	-	1	-	6	-	1	4	5	9	22	4	6
WEST SOUTH CENTRAL.....	1	22	2	93	3	5	29	27	56	68	115	182
Arkansas.....	-	4	-	10	-	1	4	5	9	9	-	-
Louisiana.....	-	4	-	8	-	-	4	5	9	14	-	-
Oklahoma.....	1	3	-	6	-	1	2	3	5	3	-	67
Texas.....	-	11	2	69	3	3	19	14	33	42	115	115
MOUNTAIN.....	1	10	-	9	-	1	8	5	41	50	120	108
Montana.....	-	1	-	6	-	1	2	2	4	5	33	17
Idaho.....	-	1	-	1	-	-	-	-	2	5	4	14
Wyoming.....	-	1	-	-	-	-	1	-	1	4	-	5
Colorado.....	-	2	-	-	-	-	-	-	3	19	20	44
New Mexico.....	-	-	-	2	-	-	2	1	3	2	NN	NN
Arizona.....	-	2	-	-	-	-	-	-	23	3	39	17
Utah.....	1	3	-	-	-	-	3	2	5	10	24	8
Nevada.....	-	-	-	-	-	-	-	-	-	2	-	3
PACIFIC.....	1	27	-	10	9	9	37	69	114	204	240	212
Washington.....	-	-	-	-	1	2	6	7	16	27	8	26
Oregon.....	1	3	-	-	-	1	8	6	14	23	45	58
California.....	-	22	-	5	8	6	20	56	77	145	115	118
Alaska.....	-	1	-	5	-	-	3	-	7	9	45	9
Hawaii.....	-	1	-	-	-	-	-	-	-	-	27	1
Puerto Rico.....	-	-	1	33	-	-	20	6	26	27	24	11

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES UNITED STATES
FOR WEEKS ENDED
AUGUST 19, 1961 AND AUGUST 18, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	33rd wk	Cumulative 33 weeks	33rd week		33rd wk.	33rd wk.	33rd wk.	33rd wk.	Cumulative 33 weeks	33rd week		Cumulative 33 weeks
	1962	1962	1962	1961	1962	1962	1962	1962	1962	1962	1961	1962
UNITED STATES....	29	1,447	3,000	2,812	4	6	11	21	350	51	51	2,648
NEW ENGLAND.....	-	86	193	99	1	-	-	-	5	-	-	-
Maine.....	-	12	60	4	-	-	-	-	1	-	-	-
New Hampshire.....	-	3	-	3	-	-	-	-	-	-	-	-
Vermont.....	-	2	-	17	-	-	-	-	-	-	-	-
Massachusetts.....	-	36	31	16	1	-	-	-	3	-	-	-
Rhode Island.....	-	8	7	3	-	-	-	-	1	-	-	-
Connecticut.....	-	25	95	56	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC....	6	249	91	49	-	1	1	2	36	2	5	86
New York.....	3	110	64	30	-	1	1	1	20	1	5	58
New Jersey.....	3	69	13	6	-	-	-	-	8	1	-	1
Pennsylvania.....	-	70	14	13	-	-	-	1	8	-	-	27
EAST NORTH CENTRAL..	7	295	204	152	1	-	2	3	58	6	3	633
Ohio.....	2	89	37	17	-	-	-	1	32	4	1	321
Indiana.....	-	24	62	24	-	-	-	2	5	-	-	171
Illinois.....	-	66	35	28	-	-	2	-	13	1	2	82
Michigan.....	5	95	39	41	-	-	-	-	5	1	-	30
Wisconsin.....	-	21	31	42	1	-	-	-	3	-	-	29
WEST NORTH CENTRAL..	1	78	94	86	-	-	-	-	10	18	16	681
Minnesota.....	-	15	4	2	-	-	-	-	-	7	2	154
Iowa.....	-	10	19	11	-	-	-	-	1	2	9	269
Missouri.....	-	20	2	1	-	-	-	-	7	5	4	113
North Dakota.....	-	6	56	68	-	-	-	-	-	-	1	45
South Dakota.....	1	5	-	-	-	-	-	-	1	3	-	79
Nebraska.....	-	12	-	-	-	-	-	-	1	-	-	16
Kansas.....	-	10	13	4	-	-	-	-	-	1	-	5
SOUTH ATLANTIC.....	2	232	256	211	1	3	1	7	69	10	3	240
Delaware.....	1	31	-	1	-	-	-	-	1	-	-	-
Maryland.....	1	15	6	5	-	-	-	-	3	-	-	1
Dist. of Columbia..	-	7	3	3	-	-	-	1	6	-	-	-
Virginia.....	-	51	58	76	-	2	1	-	14	6	2	100
West Virginia.....	-	12	59	43	-	-	-	-	4	1	1	88
North Carolina.....	-	54	6	5	-	1	-	-	3	-	-	-
South Carolina.....	-	12	18	6	-	-	-	-	4	-	-	-
Georgia.....	-	9	1	7	-	-	-	-	15	-	-	6
Florida.....	-	41	105	65	1	-	-	6	19	3	-	45
EAST SOUTH CENTRAL..	1	89	669	691	1	1	-	-	30	5	2	288
Kentucky.....	1	20	60	30	-	-	-	-	4	-	2	100
Tennessee.....	-	37	577	625	-	1	-	-	11	5	-	168
Alabama.....	-	18	6	2	1	-	-	-	10	-	-	20
Mississippi.....	-	14	26	34	-	-	-	-	5	-	-	-
WEST SOUTH CENTRAL..	-	116	568	586	-	1	2	4	85	7	17	500
Arkansas.....	-	13	2	1	-	-	2	3	18	-	5	57
Louisiana.....	-	53	-	1	-	-	-	-	19	-	-	17
Oklahoma.....	-	6	3	4	-	1	-	-	4	-	-	22
Texas.....	-	44	563	580	-	-	-	1	44	7	12	404
MOUNTAIN.....	1	47	440	692	-	-	5	2	28	-	-	22
Montana.....	-	3	26	58	-	-	-	-	10	-	-	-
Idaho.....	-	3	27	41	-	-	-	-	-	-	-	-
Wyoming.....	-	4	4	-	-	-	1	-	3	-	-	-
Colorado.....	-	8	108	276	-	-	-	-	3	-	-	1
New Mexico.....	-	3	118	117	-	-	-	-	8	-	-	11
Arizona.....	-	13	81	112	-	-	-	2	4	-	-	10
Utah.....	1	8	76	88	-	-	4	-	-	-	-	-
Nevada.....	-	5	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	11	255	485	246	-	-	-	3	29	3	5	198
Washington.....	-	18	47	72	-	-	-	-	1	-	-	-
Oregon.....	-	15	13	23	-	-	-	-	-	1	-	11
California.....	11	212	385	136	-	-	-	3	28	2	5	187
Alaska.....	-	6	27	15	-	-	-	-	-	-	-	-
Hawaii.....	-	4	13	-	-	-	-	-	-	-	-	-
Puerto Rico.....	-	8	-	2	1	-	-	1	5	-	-	13

Morbidity and Mortality Weekly Report

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Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period. °)

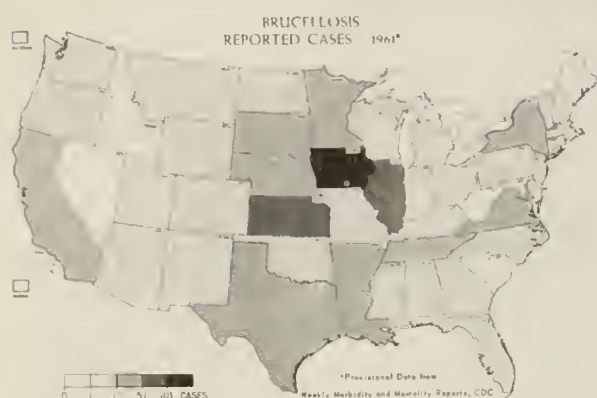
Area	For weeks ending				Area	For weeks ending			
	7/28	8/4	8/11	8/18		7/28	8/4	8/11	8/18
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.	255	216	229	210	Atlanta, Ga.	120	113	111	114
Bridgeport, Conn.	44	31	52	36	Baltimore, Md.	242	232	223	202
Cambridge, Mass.	28	29	23	14	Charlotte, N.C.	33	34	38	18
Fall River, Mass.	25	27	29	19	Jacksonville, Fla.	62	56	50	64
Hartford, Conn.	44	42	48	36	Miami, Fla.	80	97	89	75
Lowell, Mass.	25	21	23	25	Norfolk, Va.	37	50	51	67
Lynn, Mass.	19	20	21	34	Richmond, Va.	81	59	82	56
New Bedford, Mass.	32	21	24	30	Savannah, Ga.	27	34	38	27
New Haven, Conn.	38	53	39	28	St. Petersburg, Fla.	79	71	69	71
Providence, R.I.	54	51	60	67	Tampa, Fla.	51	67	68	75
Somerville, Mass.	8	17	18	16	Washington, D.C.	188	153	188	188
Springfield, Mass.	41	39	49	31	Wilmingon, Del.	43	38	27	36
Waterbury, Conn.	25	19	34	29					
Worcester, Mass.	49	49	44	53	EAST SOUTH CENTRAL:				
MIDDLE ATLANTIC:					Birmingham, Ala.	74	79	83	108
Albany, N.Y.	36	40	46	42	Chattanooga, Tenn.	35	44	43	41
Allentown, Pa.	31	30	38	38	Knoxville, Tenn.	34	26	23	23
Buffalo, N.Y.	130	166	149	135	Louisville, Ky.	117	125	103	107
Camden, N.J.	50	22	49	34	Memphis, Tenn.	140	108	125	122
Elizabeth, N.J.	18	24	18	24	Mobile, Ala.	42	35	47	37
Erie, Pa.	42	31	46	33	Montgomery, Ala.	41	46	24	33
Jersey City, N.J.	64	56	57	59	Nashville, Tenn.	75	71	54	72
Newark, N.J.	77	82	84	116	WEST SOUTH CENTRAL:				
New York City, N.Y.	1,479	1,504	1,429	1,459	Austin, Tex.	36	55	38	50
Paterson, N.J.	35	31	35	29	Baton Rouge, La.	29	43	29	28
Philadelphia, Pa.	523	495	491	393	Corpus Christi, Tex.	20	22	26	27
Pittsburgh, Pa.	150	223	156	222	Dallas, Tex.	133	117	138	130
Reading, Pa.	27	17	30	20	El Paso, Tex.	34	45	31	33
Rochester, N.Y.	82	96	67	91	Fort Worth, Tex.	80	76	69	67
Schenectady, N.Y.	17	30	31	26	Houston, Tex.	197	226	157	162
Scranton, Pa.	33	30	30	35	Little Rock, Ark.	50	60	51	40
Syracuse, N.Y.	46	45	60	62	New Orleans, La.	195	166	182	203
Trenton, N.J.	39	32	38	28	Oklahoma City, Okla.	72	54	80	71
Utica, N.Y.	24	22	22	26	San Antonio, Tex.	106	112	109	145
Yonkers, N.Y.	27	23	32	30	Shreveport, La.	55	55	57	61
EAST NORTH CENTRAL:					Tulsa, Okla.	63	50	38	53
Akron, Ohio.	60	47	54	50	MOUNTAIN:				
Canton, Ohio.	29	39	26	18	Albuquerque, N. Mex.	30	26	28	24
Chicago, Ill.	634	682	671	673	Colorado Springs, Colo.	16	22	14	15
Cincinnati, Ohio.	152	167	167	125	Denver, Colo.	101	82	116	110
Cleveland, Ohio.	169	173	182	197	Ogden, Utah.	19	17	19	15*
Columbus, Ohio.	118	93	117	104*	Phoenix, Ariz.	76	81	84	82
Dayton, Ohio.	98	77	86	76	Pueblo, Colo.	13	15	16	18
Detroit, Mich.	300	297	310	291	Salt Lake City, Utah.	39	53	53	34
Evansville, Ind.	40	36	44	34	Tucson, Ariz.	54	47	37	36
Flint, Mich.	48	43	42	49	PACIFIC:				
Fort Wayne, Ind.	47	38	44	44	Berkeley, Calif.	21	8	15	13
Gary, Ind.	37	32	30	25	Fresno, Calif.	27	44	35	45
Grand Rapids, Mich.	44	35	66	35	Glendale, Calif.	28	38	33	38
Indianapolis, Ind.	136	113	131	134	Honolulu, Hawaii.	40	46	63	38
Madison, Wis.	46	28	32	29	Long Beach, Calif.	54	33	47	69
Milwaukee, Wis.	115	134	96	106	Los Angeles, Calif.	449	453	447	440
Peoria, Ill.	20	18	27	29	Oakland, Calif.	80	70	84	103
Rockford, Ill.	26	21	25	26	Pasadena, Calif.	33	39	43	37
South Bend, Ind.	34	37	44	34	Portland, Oreg.	111	128	79	99
Toledo, Ohio.	93	93	112	94	Sacramento, Calif.	56	60	54	58*
Youngstown, Ohio.	62	55	46	43	San Diego, Calif.	103	92	92	71
WEST NORTH CENTRAL:					San Francisco, Calif.	184	191	159	188
Des Moines, Iowa.	51	45	63	47	San Jose, Calif.	39	39	44	46
Duluth, Minn.	16	29	29	16	Seattle, Wash.	138	137	113	135
Kansas City, Kans.	22	32	50	24	Spokane, Wash.	35	46	39	43
Kansas City, Mo.	98	112	143	113	Tacoma, Wash.	36	39	35	35
Lincoln, Nebr.	20	34	32	26					
Minneapolis, Minn.	106	104	117	118	San Juan, P.R.	38	26	23	43
Omaha, Nebr.	68	70	66	62					
St. Louis, Mo.	256	227	224	199					
St. Paul, Minn.	69	77	54	65					
Wichita, Kans.	51	60	47	49					

° Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages.	10,335
4(B) Pneumonia-Influenza Deaths, all ages.	314
4(C) Total Deaths under 1 Year of Age.	737
4(D) Total Deaths, Persons 65 years and over.	5,613

*Estimate - based on average percent of divisional total
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.



brucellosis; however, the control and eradication of brucellosis in swine has been less successful. The source of infection for the 413 cases on which this information is available (Table I) shows that swine-associated cases now account for almost one-half of the infections. The occupations of persons having brucellosis are shown in Table II. Packing house workers accounted for the largest number of cases, 174, while farm workers constituted the next most vulnerable group.

TABLE I
HUMAN BRUCELLOSIS CASES BY PROBABLE SOURCE
OF INFECTION, 1961

Swine	122
Cattle	70
Cattle and swine	52
Sheep or Goat	1
Packing House	41
Rendering Plant	2
Raw Milk	34
Vaccine Accidents	9
Others	7
Not stated	75
Total	413

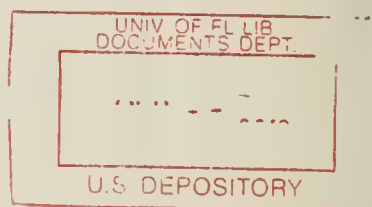
TABLE II
HUMAN BRUCELLOSIS CASES BY OCCUPATION, 1961

Packing House	174
Rendering Plant	4
Stock Yard	3
Farm Workers	80
Wives and Children	53
Professionals	23
Others or Not Stated	76
Total	413

The patient, a three-year-old Indian boy, boarded the cruise ship S. S. Oronsay at Bombay on July 30. He became sick on August 10, with an illness suspected as being chicken pox, and was confined to his cabin. He is hospitalized at the Long Reach Isolation Hospital, Dartford, Kent. The patient's mother, brother, and sister, under observation at the same hospital, have had no signs of illness.

Smallpox - North America

Canada - Toronto was declared a non-infected local area on August 18. See Epidemiological Reports, page 258.



U. S. DEPARTMENT OF
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PUBLIC HEALTH SERVICE
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INTERNATIONAL NOTES - QUARANTINE MEASURES

Smallpox - Europe

England - London was declared a non-infected local area on August 16 following importation of a suspected case of smallpox on August 15. Smallpox was confirmed August 21.